



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 8

Test Date: March 2009
Code: 12551754
SAU: MSAD 61
School: Lake Region Middle School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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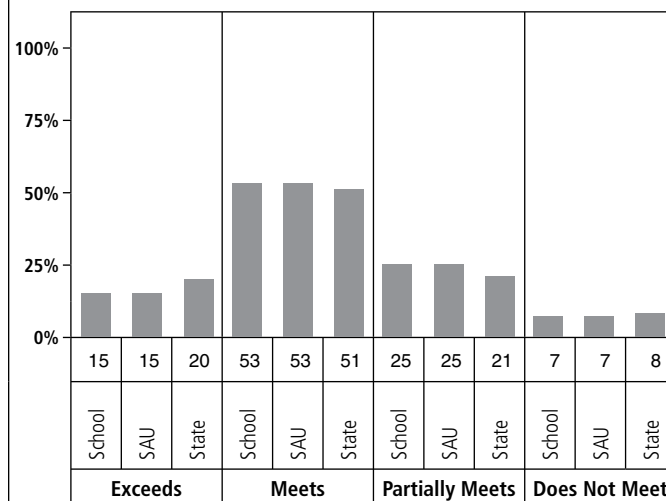
SUMMARY OF SCORES

Test Date: March 2009
Grade: 8
SAU: MSAD 61
School: Lake Region Middle School

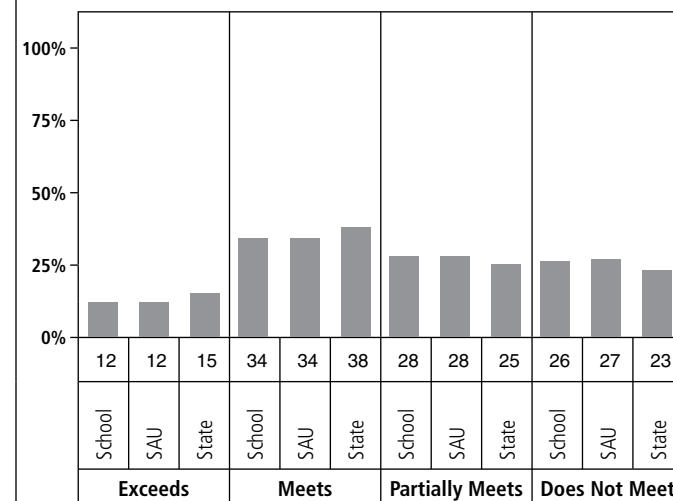
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	844	844	847
2007–2008	847	847	849
2008–2009	848	848	850
Cum. Avg.*	846	846	849
Mathematics			
2006–2007	839	839	842
2007–2008	840	840	841
2008–2009	840	840	843
Cum. Avg.*	840	840	842
Science			
2008–2009 **	846	846	846

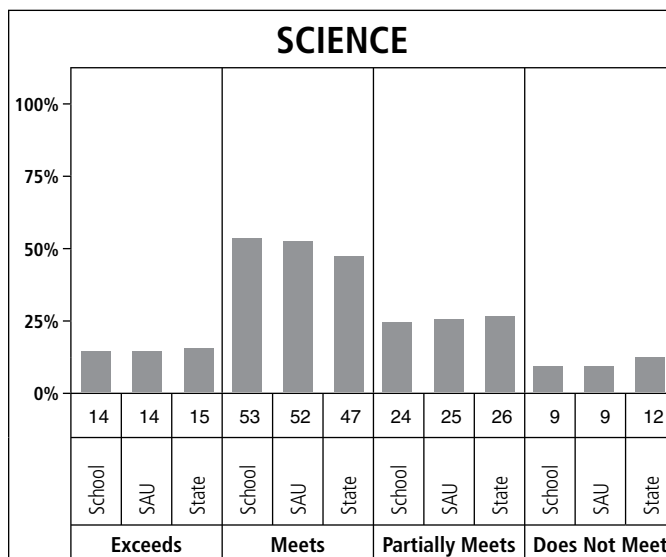
ELA – READING



MATHEMATICS



SCIENCE



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

** Because science standards were reset in May 2009, no historical data are available

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 8
SAU: MSAD 61
School: Lake Region Middle School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
	School		SAU		State		ELA-Reading						Mathematics						Science					
	n		n		n		n		n		n		n		n		n		n		n		n	
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Total number of students	161	100	163	100	14804	100	160	99	162	99	14659	99	159	99	161	99	14653	99	152	95	154	95	14626	99
Ethnicity African American/Black	2	1	2	1	377	3	2	100	2	100	366	97	2	100	2	100	371	98	2	100	2	100	367	97
American Indian or Native Alaskan	1	1	1	1	119	1	1	100	1	100	117	99	1	100	1	100	115	97	1	100	1	100	116	98
Asian or Pacific Islander	1	1	1	1	238	2	1	100	1	100	232	97	1	100	1	100	234	98	1	100	1	100	234	98
Hispanic	1	1	1	1	192	1	1	100	1	100	188	98	1	100	1	100	191	100	1	100	1	100	190	99
Caucasian/White	156	97	158	97	13878	94	155	99	157	99	13756	99	154	99	156	99	13742	99	147	95	149	95	13719	99
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Identified disability	24	15	26	16	2489	17	24	100	26	100	2434	99	24	100	26	100	2424	98	24	100	26	100	2418	98
Current LEP	0	0	0	0	349	2	0	0	0	0	331	95	0	0	0	0	342	98	0	0	0	0	338	97
Economically disadvantaged	74	46	75	46	5460	37	73	99	74	99	5380	99	73	99	74	99	5377	99	70	96	71	96	5359	98
Migrant	0	0	0	0	6	0	0	0	0	0	6	100	0	0	0	0	6	100	0	0	0	0	6	100

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n		n		n		n		n		n		n		n		n	
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Participation without accommodations	151	94	151	93	12132	82	150	93	150	92	12124	82	143	89	143	88	12169	82
Identified disability (PET/IEP)	16	11	16	11	379	3	16	11	16	11	380	3	16	11	16	11	425	3
LEP	0	0	0	0	166	1	0	0	0	0	169	1	0	0	0	0	168	1
504 plan	2	1	2	1	200	2	2	1	2	1	200	2	2	1	2	1	202	2
Participation with accommodations	7	4	8	5	2349	16	7	4	8	5	2347	16	7	4	8	5	2288	15
Identified disability (PET/IEP)	6	86	7	88	1877	80	6	86	7	88	1862	79	6	86	7	88	1824	80
LEP	0	0	0	0	158	7	0	0	0	0	167	7	0	0	0	0	165	7
504 plan	0	0	0	0	70	3	0	0	0	0	70	3	0	0	0	0	66	3
Other	1	14	1	13	292	12	1	14	1	13	297	13	1	14	1	13	280	12
Participation through alternate assessment (PAAP)	2	1	3	2	178	1	2	1	3	2	182	1	2	1	3	2	169	1
Identified disability (PET/IEP)	2	100	3	100	178	100	2	100	3	100	182	100	2	100	3	100	169	100
LEP	0	0	0	0	7	4	0	0	0	0	6	3	0	0	0	0	5	3
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approved non-participation in reading – 1st year LEP	0	0	0	0	0	0												
Approved non-participation – special consideration	0	0	0	0	32	0	0	0	0	0	34	0	1	1	1	1	38	0
Non-participation – other	1	1	1	1	113	1	2	1	2	1	117	1	8	5	8	5	140	1

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 8
SAU: MSAD 61
School: Lake Region Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 862–880)	2006-2007	14	10	14	10	2407	16
	2007-2008	24	15	24	15	3428	23
	2008-2009	24	15	24	15	2857	20
	Cum. Total*	62	14	62	13	8692	19
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 842–860)	2006-2007	67	47	67	47	7494	49
	2007-2008	86	55	86	54	7179	48
	2008-2009	84	53	84	53	7431	51
	Cum. Total*	237	52	237	51	22104	49
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 830–840)	2006-2007	41	28	41	28	3628	24
	2007-2008	40	25	40	25	2706	18
	2008-2009	39	25	40	25	2979	21
	Cum. Total*	120	26	121	26	9313	21
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 800–828)	2006-2007	22	15	22	15	1810	12
	2007-2008	7	4	8	5	1611	11
	2008-2009	11	7	11	7	1214	8
	Cum. Total*	40	9	41	9	4635	10

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	34.5	61.6	34.4	61.4	35.5	63.4
A1/A2 Interconnected Elements/Literary Text	20	36	12.0	60.0	11.9	59.5	12.3	61.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	22.6	62.8	22.5	62.5	23.2	64.4

The MEA measures student achievement of the interconnected elements of the reading process based on questions related to literary and informational/persuasive reading passages. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:
<http://www.maine.gov/education/lres/pei/index.html>.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 8
 SAU: MSAD 61
 School: Lake Region Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	158	24	15	84	53	39	25	11	7	848	159	15	53	25	7	848	14481	20	51	21	8	850
Ethnicity																						
African American/Black	2										2						362	8	43	29	20	843
American Indian or Native Alaskan	1										1						116	10	46	26	18	843
Asian or Pacific Islander	1										1						231	28	43	19	10	851
Hispanic	1										1						186	17	48	23	12	847
Caucasian/White	153	23	15	83	54	37	24	10	7	848	154	15	54	25	6	848	13586	20	52	20	8	850
Not Reported	0										0						0					
Identified disability																						
Yes	22	0	0	9	41	8	36	5	23	838	23	0	39	39	22	838	2256	2	25	40	34	834
No	136	24	18	75	55	31	23	6	4	850	136	18	55	23	4	850	12225	23	56	17	4	853
Current LEP																						
Yes	0										0						324	5	34	36	26	838
No	158	24	15	84	53	39	25	11	7	848	159	15	53	25	7	848	14157	20	52	20	8	850
Economically disadvantaged																						
Yes	73	5	7	37	51	23	32	8	11	844	74	7	50	32	11	844	5277	10	46	29	15	844
No	85	19	22	47	55	16	19	3	4	852	85	22	55	19	4	852	9204	26	54	16	5	853
Migrant																						
Yes	0										0						5	0	40	60	0	841
No	158	24	15	84	53	39	25	11	7	848	159	15	53	25	7	848	14476	20	51	21	8	850
Gender																						
Female	70	15	21	37	53	15	21	3	4	852	70	21	53	21	4	852	7074	25	51	18	6	852
Male	88	9	10	47	53	24	27	8	9	845	89	10	53	28	9	845	7407	14	51	23	11	847
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						857	9	43	35	14	843
No	158	24	15	84	53	39	25	11	7	848	159	15	53	25	7	848	13624	20	52	20	8	850
Gifted/talented program																						
Yes	19	9	47	9	47	1	5	0	0	861	19	47	47	5	0	861	700	69	30	1	0	867
No	139	15	11	75	54	38	27	11	8	846	140	11	54	28	8	846	13781	17	52	22	9	849

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 8
SAU: MSAD 61
School: Lake Region Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	11	0	0	7	44	6	38	3	19	839	11	0	44	38	19	839	8	8	39	29	24	841
B. less than one hour	54	10	12	49	60	17	21	5	6	849	55	12	60	22	6	849	51	17	53	22	8	849
C. one to two hours	32	12	25	21	44	13	27	2	4	850	32	25	44	27	4	850	36	24	52	18	5	852
D. more than two hours	3	2	50	2	50	0	0	0	0	856	3	50	50	0	0	856	5	29	45	18	9	852
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	37	16	29	29	53	9	16	1	2	854	37	29	53	16	2	854	31	35	50	11	4	856
B. good	36	8	15	30	57	14	26	1	2	850	35	15	57	26	2	850	47	16	55	21	7	849
C. fair	22	0	0	14	42	11	33	8	24	837	23	0	41	35	24	837	18	5	47	33	15	842
D. poor	5	0	0	5	63	3	38	0	0	841	5	0	63	38	0	841	3	2	39	37	22	839
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	32	8	17	28	58	10	21	2	4	850	32	17	58	21	4	850	32	27	54	14	5	853
B. They match some of what I have learned.	55	15	18	44	54	19	23	4	5	849	54	18	54	23	5	849	52	18	53	22	8	850
C. They match just a little of what I have learned.	9	1	8	3	23	6	46	3	23	838	9	7	21	50	21	837	12	11	45	29	15	844
D. There is no match.	5	0	0	4	57	2	29	1	14	841	5	0	57	29	14	841	4	6	34	33	26	838
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	10	3	20	7	47	5	33	0	0	849	11	19	44	38	0	848	15	13	42	28	17	844
B. about the same as my regular schoolwork	64	13	14	54	57	21	22	7	7	848	64	14	57	22	7	848	64	19	53	20	7	850
C. easier than my regular schoolwork	26	8	21	18	47	9	24	3	8	849	26	21	47	24	8	849	22	25	52	16	6	852
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	7	2	20	3	30	3	30	2	20	843	7	20	30	30	20	843	8	6	34	34	26	838
B. Most of the passages were about the same as what I normally read.	57	9	11	49	58	20	24	6	7	847	57	11	58	25	7	847	52	14	54	24	8	848
C. Most of the passages were easier than what I normally read.	36	13	25	26	49	12	23	2	4	851	36	25	49	23	4	851	40	30	53	13	4	855
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	29	7	16	22	51	10	23	4	9	848	29	16	51	23	9	848	39	19	50	22	9	849
B. I tried about the same as I do on my regular schoolwork.	62	17	18	51	55	21	23	4	4	850	63	18	54	23	4	850	54	21	53	19	7	851
C. I did not try as hard on this test as I do on my regular schoolwork.	9	0	0	5	38	6	46	2	15	839	9	0	38	46	15	839	7	12	46	27	15	845
How much time do you spend reading at home each day?																						
A. more than one hour	23	4	12	21	62	8	24	1	3	849	23	12	62	24	3	849	19	26	53	15	6	853
B. 20 minutes to an hour	38	11	19	30	53	14	25	2	4	851	38	19	53	25	4	851	40	25	52	17	6	852
C. less than 20 minutes	13	7	35	6	30	6	30	1	5	850	13	35	30	30	5	850	15	18	51	21	10	849
D. I rarely read at home.	26	2	5	22	56	9	23	6	15	843	26	5	55	25	15	843	26	7	50	30	13	844
How do you feel about the following statement?																						
"My knowledge of reading will be useful to me as an adult."																						
A. strongly agree	46	13	19	33	49	19	28	3	4	850	46	19	48	29	4	849	42	27	51	15	6	853
B. agree	45	11	16	40	60	13	19	3	4	850	45	16	60	19	4	850	50	15	53	23	9	848
C. disagree	7	0	0	3	27	4	36	4	36	831	7	0	27	36	36	831	7	8	46	32	14	843
D. strongly disagree	2	0	0	2	67	1	33	0	0	841	2	0	67	33	0	841	2	6	39	35	21	840
Optional school/SAU question																						
A.	43	0	0	2	67	1	33	0	0	844	43	0	67	33	0	844						
B.	29	0	0	2	100	0	0	0	0	852	29	0	100	0	0	852						
C.	29	0	0	1	50	1	50	0	0	845	29	0	50	50	0	845						
D.	0										0											

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 8
SAU: MSAD 61
School: Lake Region Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 862–880)	2006-2007	15	10	15	10	1952	13
	2007-2008	16	10	16	10	1657	11
	2008-2009	19	12	19	12	2116	15
	Cum. Total*	50	11	50	11	5725	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 842–860)	2006-2007	45	31	45	31	5870	38
	2007-2008	54	35	54	35	5956	40
	2008-2009	53	34	53	34	5443	38
	Cum. Total*	152	33	152	33	17269	39
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 830–840)	2006-2007	40	28	40	28	3982	26
	2007-2008	46	30	46	29	3729	25
	2008-2009	44	28	44	28	3556	25
	Cum. Total*	130	29	130	28	11267	25
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 800–828)	2006-2007	44	31	44	31	3534	23
	2007-2008	39	25	40	26	3579	24
	2008-2009	41	26	42	27	3356	23
	Cum. Total*	124	27	126	28	10469	23

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	56	100	27.2	48.6	27.1	48.4	28.6	51.1
A. Number	8	14	3.4	42.5	3.4	42.5	3.7	46.3
B. Data	16	29	8.4	52.5	8.4	52.5	8.9	55.6
C. Geometry	12	21	5.2	43.3	5.2	43.3	5.0	41.7
D. Algebra	20	36	10.2	51.0	10.2	51.0	10.9	54.5

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.



MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 8
 SAU: MSAD 61
 School: Lake Region Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	157	19	12	53	34	44	28	41	26	840	158	12	34	28	27	840	14471	15	38	25	23	843
Ethnicity																						
African American/Black	2										2						367	6	24	26	44	831
American Indian or Native Alaskan	1										1						114	5	31	32	32	836
Asian or Pacific Islander	1										1						233	27	33	20	21	847
Hispanic	1										1						190	8	31	26	34	836
Caucasian/White	152	18	12	53	35	42	28	39	26	840	153	12	35	27	26	840	13567	15	38	25	22	843
Not Reported	0										0						0					
Identified disability																						
Yes	22	0	0	3	14	5	23	14	64	824	23	0	13	22	65	823	2242	2	12	22	63	824
No	135	19	14	50	37	39	29	27	20	843	135	14	37	29	20	843	12229	17	42	25	16	846
Current LEP																						
Yes	0										0						336	6	18	26	51	829
No	157	19	12	53	34	44	28	41	26	840	158	12	34	28	27	840	14135	15	38	25	23	843
Economically disadvantaged																						
Yes	73	3	4	21	29	22	30	27	37	834	74	4	28	30	38	834	5270	6	30	28	36	835
No	84	16	19	32	38	22	26	14	17	846	84	19	38	26	17	846	9201	20	42	22	16	847
Migrant																						
Yes	0										0						5	0	0	40	60	828
No	157	19	12	53	34	44	28	41	26	840	158	12	34	28	27	840	14466	15	38	25	23	843
Gender																						
Female	69	12	17	24	35	16	23	17	25	843	69	17	35	23	25	843	7070	15	39	25	22	843
Male	88	7	8	29	33	28	32	24	27	838	89	8	33	31	28	838	7401	14	36	25	25	842
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						857	5	25	33	37	835
No	157	19	12	53	34	44	28	41	26	840	158	12	34	28	27	840	13614	15	38	24	22	843
Gifted/talented program																						
Yes	19	13	68	3	16	3	16	0	0	861	19	68	16	16	0	861	700	68	27	3	1	866
No	138	6	4	50	36	41	30	41	30	837	139	4	36	29	30	837	13771	12	38	26	24	841

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 8
SAU: MSAD 61
School: Lake Region Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N			%	%	%	%			%	%	%	%	
How much homework do you do on school nights? A. none B. less than one hour C. one to two hours D. more than two hours	11 55 32 3	0 8 11 0	0 10 23 0	4 34 12 2	25 42 26 50	5 18 15 1	31 22 32 25	7 21 9 1	44 26 19 25	830 841 845 838	11 55 32 3	0 10 23 0	25 41 26 50	31 22 32 25	44 27 19 25	830 840 845 838	8 51 36 5	8 12 19 19	24 38 40 36	24 26 23 22	44 23 19 23	833 842 845 844
Which of the following best describes how you rate yourself as a student in mathematics? A. very good B. good C. fair D. poor	26 51 17 6	10 8 1 0	27 11 4 0	13 32 4 0	35 43 16 0	11 18 8 2	30 24 32 22	3 16 12 7	8 22 48 78	850 843 828 819	25 51 18 6	27 11 4 0	35 43 15 0	30 24 31 22	8 22 50 78	850 843 827 819	28 45 21 5	33 11 3 2	41 43 27 14	15 25 35 30	11 21 35 54	852 842 834 828
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics? A. The questions on the test match what I have learned in mathematics class. B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match.	31 53 11 5	10 9 0 0	22 12 0 0	17 27 4 2	38 35 25 25	11 20 5 3	24 26 31 38	7 21 7 3	16 27 44 38	847 841 826 833	31 52 12 5	22 12 0 0	38 35 24 25	24 26 29 38	16 27 47 38	847 841 825 833	28 52 16 4	23 13 8 5	41 40 28 15	21 25 30 22	15 21 34 58	848 843 836 826
How difficult was the mathematics part of this test? A. more difficult than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork	21 64 14	0 14 5	0 15 24	12 28 10	39 30 48	9 28 2	29 30 10	10 24 4	32 26 19	835 841 848	22 64 14	0 15 24	38 30 48	28 30 10	34 26 19	834 841 848	32 52 16	6 13 39	34 41 35	29 25 13	32 20 13	837 843 853
How hard did you try on the mathematics part of this test? A. I tried harder on this test than I do on my regular schoolwork. B. I tried about the same as I do on my regular schoolwork. C. I did not try as hard on this test as I do on my regular schoolwork.	33 54 13	3 16 0	6 20 0	19 24 7	40 30 37	15 22 3	31 28 16	11 18 9	23 23 47	841 843 832	32 55 13	6 20 0	40 30 37	31 27 16	23 23 47	841 842 832	42 52 7	12 17 12	38 39 27	26 23 27	25 20 35	841 845 837
How often do you use calculators in mathematics class? A. almost every day B. two or three days a week C. two or three times each month D. never or almost never	17 45 27 11	9 8 2 0	36 12 5 0	9 28 11 3	36 42 28 18	4 18 12 6	16 27 30 35	3 12 15 8	12 18 38 47	851 843 835 832	17 44 28 11	36 12 5 0	36 42 27 18	16 27 29 35	12 18 39 47	851 843 834 832	34 35 18 13	18 14 12 9	40 38 37 32	22 26 27 25	20 21 24 34	845 843 841 837
How often do you use laptops in mathematics class? A. almost every day B. two or three days a week C. two or three times each month D. never or almost never	6 18 22 53	0 3 6 10	0 11 18 13	4 8 11 28	44 30 33 36	3 7 8 21	33 26 24 27	2 9 8 19	22 33 24 24	837 838 844 841	6 18 22 53	0 11 18 13	44 30 33 35	33 26 24 27	22 33 24 25	837 838 844 841	9 17 28 46	13 11 15 16	38 37 40 36	23 26 25 24	26 26 20 23	841 841 844 843
How do you feel about the following statement? “My knowledge of mathematics will be useful to me as an adult.” A. strongly agree B. agree C. disagree D. strongly disagree	66 28 3 3	14 5 0 0	14 12 0 0	35 14 0 2	36 34 0 40	28 11 1 0	29 27 20 0	20 11 4 3	21 27 80 60	843 840 816 828	66 28 3 3	14 12 0 0	36 34 0 40	29 27 20 0	21 27 80 60	843 840 816 828	52 39 6 3	19 11 7 4	41 35 28 25	22 27 26 28	18 27 39 43	846 840 835 832
Optional school/SAU question A. B. C. D.	50 33 17 0	0 0 0 0	0 0 0 0	2 1 1 1	67 50 100 0	1 1 0 0	33 50 0 0	0 0 0 0	0 0 0 0	847 843 852 0	50 33 17 0	0 0 0 0	67 50 100 0	33 50 0 0	0 0 0 0	847 843 852 0						

SCIENCE RESULTS

Test Date: March 2009
Grade: 8
SAU: MSAD 61
School: Lake Region Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 862–880)	2008-2009*	21	14	21	14	2155	15
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 842–860)	2008-2009*	79	53	79	52	6687	47
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 828–840)	2008-2009*	36	24	37	25	3672	26
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 800–826)	2008-2009*	14	9	14	9	1749	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Science Total Points	56	100	32.4	57.9	32.3	57.7	32.0	57.1
D. The Physical Setting	31	55	17.0	54.8	17.0	54.8	17.1	55.2
D1/D2 Earth/Space	17	30	9.1	53.5	9.1	53.5	9.4	55.3
D3/D4 Matter and Energy/Force and Motion	14	25	7.9	56.4	7.9	56.4	7.7	55.0
E. The Living Environment	25	45	15.4	61.6	15.4	61.6	14.9	59.6

The MEA assesses students’ science knowledge based on questions that measure the science accountability content standards highlighted in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:
<http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting
D1 - Universe and Solar System
D2 - Earth
D3 - Matter and Energy
D4 - Force and Motion

Content Standard E. The Living Environment
E1 - Biodiversity
E2 - Ecosystems
E3 - Cells
E4 - Heredity and Reproduction
E5 - Evolution

SCIENCE RESULTS

(CONTINUED)

Test Date: March 2009
Grade: 8
SAU: MSAD 61
School: Lake Region Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	150	21	14	79	53	36	24	14	9	846	151	14	52	25	9	846	14263	15	47	26	12	846
Ethnicity																						
African American/Black	2										2						360	4	31	35	30	835
American Indian or Native Alaskan	1										1						114	8	39	31	22	839
Asian or Pacific Islander	1										1						230	20	44	23	13	848
Hispanic	1										1						184	9	45	29	16	842
Caucasian/White	145	21	14	75	52	36	25	13	9	846	146	14	51	25	9	846	13375	15	47	25	12	846
Not Reported	0										0						0					
Identified disability																						
Yes	22	0	0	8	36	9	41	5	23	836	23	0	35	43	22	836	2221	3	22	36	38	832
No	128	21	16	71	55	27	21	9	7	848	128	16	55	21	7	848	12042	17	51	24	7	848
Current LEP																						
Yes	0										0						331	4	20	39	37	832
No	150	21	14	79	53	36	24	14	9	846	151	14	52	25	9	846	13932	15	48	25	12	846
Economically disadvantaged																						
Yes	70	4	6	37	53	20	29	9	13	842	71	6	52	30	13	842	5184	6	40	33	21	840
No	80	17	21	42	53	16	20	5	6	850	80	21	53	20	6	850	9079	20	51	21	8	849
Migrant																						
Yes	0										0						5	0	0	80	20	829
No	150	21	14	79	53	36	24	14	9	846	151	14	52	25	9	846	14258	15	47	26	12	846
Gender																						
Female	66	8	12	38	58	16	24	4	6	847	66	12	58	24	6	847	6953	14	47	28	11	846
Male	84	13	15	41	49	20	24	10	12	846	85	15	48	25	12	846	7310	16	46	24	13	846
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						828	5	35	40	20	839
No	150	21	14	79	53	36	24	14	9	846	151	14	52	25	9	846	13435	16	48	25	12	846
Gifted/talented program																						
Yes	19	11	58	7	37	1	5	0	0	861	19	58	37	5	0	861	699	65	34	2	0	865
No	131	10	8	72	55	35	27	14	11	844	132	8	55	27	11	844	13564	13	48	27	13	845

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

SCIENCE RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 8
SAU: MSAD 61
School: Lake Region Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	11	1	6	6	38	6	38	3	19	839	11	6	38	38	19	839	8	8	34	28	30	837
B. less than one hour	54	11	14	46	57	17	21	7	9	847	55	13	56	22	9	847	51	14	48	27	11	846
C. one to two hours	32	7	15	25	52	13	27	3	6	848	32	15	52	27	6	848	36	19	48	24	9	848
D. more than two hours	3	2	50	1	25	0	0	1	25	852	3	50	25	0	25	852	5	17	49	20	14	847
Which of the following best describes how you rate yourself as a student in science?																						
A. very good	18	7	26	12	44	7	26	1	4	850	18	26	44	26	4	850	23	27	47	17	8	851
B. good	58	14	16	45	52	19	22	8	9	847	58	16	52	23	9	847	53	15	50	26	10	847
C. fair	20	0	0	19	63	8	27	3	10	843	20	0	63	27	10	843	20	4	43	35	18	840
D. poor	3	0	0	2	40	1	20	2	40	830	3	0	40	20	40	830	4	4	27	34	35	834
How well do the questions that you have just been given on this MEA test match what you have learned in school about science?																						
A. The questions on the test match what I have learned in science class.	24	7	20	18	51	7	20	3	9	850	24	20	51	20	9	850	26	20	49	23	9	849
B. They match some of what I have learned.	57	12	14	46	55	19	23	7	8	847	57	14	54	24	8	847	51	14	48	26	11	846
C. They match just a little of what I have learned.	14	2	10	8	38	8	38	3	14	841	14	10	38	38	14	841	18	13	44	28	15	844
D. There is no match.	5	0	0	5	71	1	14	1	14	842	5	0	71	14	14	842	4	5	33	30	32	836
How difficult was the science part of this test?																						
A. more difficult than my regular schoolwork	24	3	9	15	43	13	37	4	11	843	24	9	43	37	11	843	32	13	45	28	14	844
B. about the same as my regular schoolwork	67	15	15	55	56	21	21	7	7	848	67	15	56	22	7	848	56	15	49	25	11	847
C. easier than my regular schoolwork	10	3	21	7	50	1	7	3	21	845	9	21	50	7	21	845	11	21	43	22	13	847
How hard did you try on the science part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	33	5	10	30	63	9	19	4	8	847	33	10	63	19	8	847	39	14	47	27	12	845
B. I tried about the same as I do on my regular schoolwork.	62	16	18	43	48	23	26	8	9	847	62	18	47	26	9	847	55	17	48	25	10	847
C. I did not try as hard on this test as I do on my regular schoolwork.	5	0	0	2	25	4	50	2	25	834	5	0	25	50	25	834	6	8	36	29	26	839
Which courses do you plan to take before you graduate from high school?																						
A. earth and space science and/or biology	23	5	15	19	58	6	18	3	9	847	23	15	58	18	9	847	26	9	48	29	14	844
B. the course(s) described in A, plus chemistry	28	8	20	24	60	5	13	3	8	850	28	20	59	15	7	850	23	17	49	22	12	847
C. the course(s) described in B, plus physics	17	5	20	11	44	8	32	1	4	849	17	20	44	32	4	849	21	31	44	17	7	852
D. a life science and physical science class	32	3	7	21	46	15	33	7	15	841	32	7	46	33	15	841	30	7	46	32	14	842
How well does the following statement reflect your future goals? "I am interested in a career related to science, technology, engineering, or mathematics."																						
A. strongly agree	18	4	15	14	54	6	23	2	8	847	17	15	54	23	8	847	27	23	47	20	10	849
B. agree	49	11	15	37	51	17	23	8	11	847	50	15	50	24	11	846	37	14	47	27	12	846
C. disagree	23	5	15	19	56	8	24	2	6	848	23	15	56	24	6	848	25	11	48	29	12	845
D. strongly disagree	10	1	7	8	53	5	33	1	7	842	10	7	53	33	7	842	11	9	44	31	17	842
How do you feel about the following statement? "My knowledge of science will be useful to me as an adult."																						
A. strongly agree	32	5	10	28	58	12	25	3	6	846	32	10	58	25	6	846	31	22	46	22	10	849
B. agree	54	15	19	40	50	17	21	8	10	847	54	19	49	22	10	847	50	14	49	26	11	846
C. disagree	10	1	7	8	53	4	27	2	13	844	10	7	53	27	13	844	14	9	45	31	15	843
D. strongly disagree	3	0	0	2	40	2	40	1	20	836	3	0	40	40	20	836	5	3	38	34	25	837
Optional school/SAU question																						
A.	43	0	0	2	67	1	33	0	0	848	43	0	67	33	0	848						
B.	29	0	0	2	100	0	0	0	0	850	29	0	100	0	0	850						
C.	29	0	0	0	0	2	100	0	0	839	29	0	0	100	0	839						
D.	0										0											

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
N = Number